

Ellwood, Santa Barbara 19 April 1878

Rev. E. Davenport

I wrote you yesterday without having your last letters to refer to. Having them before me this morning and finding they contain some points that I have not yet replied to, I write again to day.

I note what you say about *Cheilanthes viscida*.

Dr. Anderson has sent me specimens of *Aspidium aculeatum*.

Thanks for the specimen of the fern *Botrychium simplex*.

I have now in my possession your work on the same published by Mr. J. Robinson. Dr. Kellogg

told me a few weeks ago that it was not quite certain whether this fern had been found in California.

I have not collected any more of *Cheilanthes cooperi* and know of but one place in Santa Barbara Co. where it is to be found. I am ^{had} an ^{had} cultivation, ^{had} given a more luxuriant growth to the specimen I sent you. I mean to try again and profit by the experience I gained in the case of those I sent to you and to Prof. Eaton. I have cultivated *Pellaea brithopsis* var. *Trachypteris* with the same success. The package of various plants you sent is coming

Received.

I come now to where you tell me that you wish to make a special study of the Pacific Polypodiaceae and Cheilanthes. I shall be glad to insert in my paper ^{Notes} whatever notes on the forms you may be pleased to let me have. And I will send you at once, at least as soon as the weather permits my getting to the river, as much of *P. californicum*, and *C. californica* as you may need.

There are no Botrychium in our vicinity.

Is *Pellaea brachyptera* a species or variety?

Now I hold in my hand specimens of *Juncus* this year ^{and} you have the microscopic pictures correctly. The *Woodwardia* and *Aspidium patens*. And *Adiantum* both *montanum*, and *P. californicum* and *P. Aquilina*. Both Mrs. Britton on the further rock.

The rains still come copiously down. This morning 10 o'clock our rain gauge indicates 1 1/2 in. Since ~~last~~ morning at 4 o'clock. Making in all for the season 32 in. at Elmore.

I am a subscriber to the Jersey Bulletin since January this year, and have read with interest your notes on the formation of B. I have to thank you for a copy also of the January number. One of them I gave away to a friend interested in the subject of Botany

I will send you the Sandwich Island fern in a week or two

This letter has been written in too great haste. While waiting for the rain to be over that I might get off to town - one or 13 miles ~~far~~ off - I am always too busy looking after my horse and children's education, the house, the men's kitchen, entertaining company, going to church five miles away, collecting ferns, and flowers and algae and sometimes shells, writing letters sending packages, and trying to read up a little the current literature. A pleasant life, but hardly time enough to do things well.

Hoping to hear from you before very long

I am Very truly Yours
Frank P. Cooper